

FIG. 1

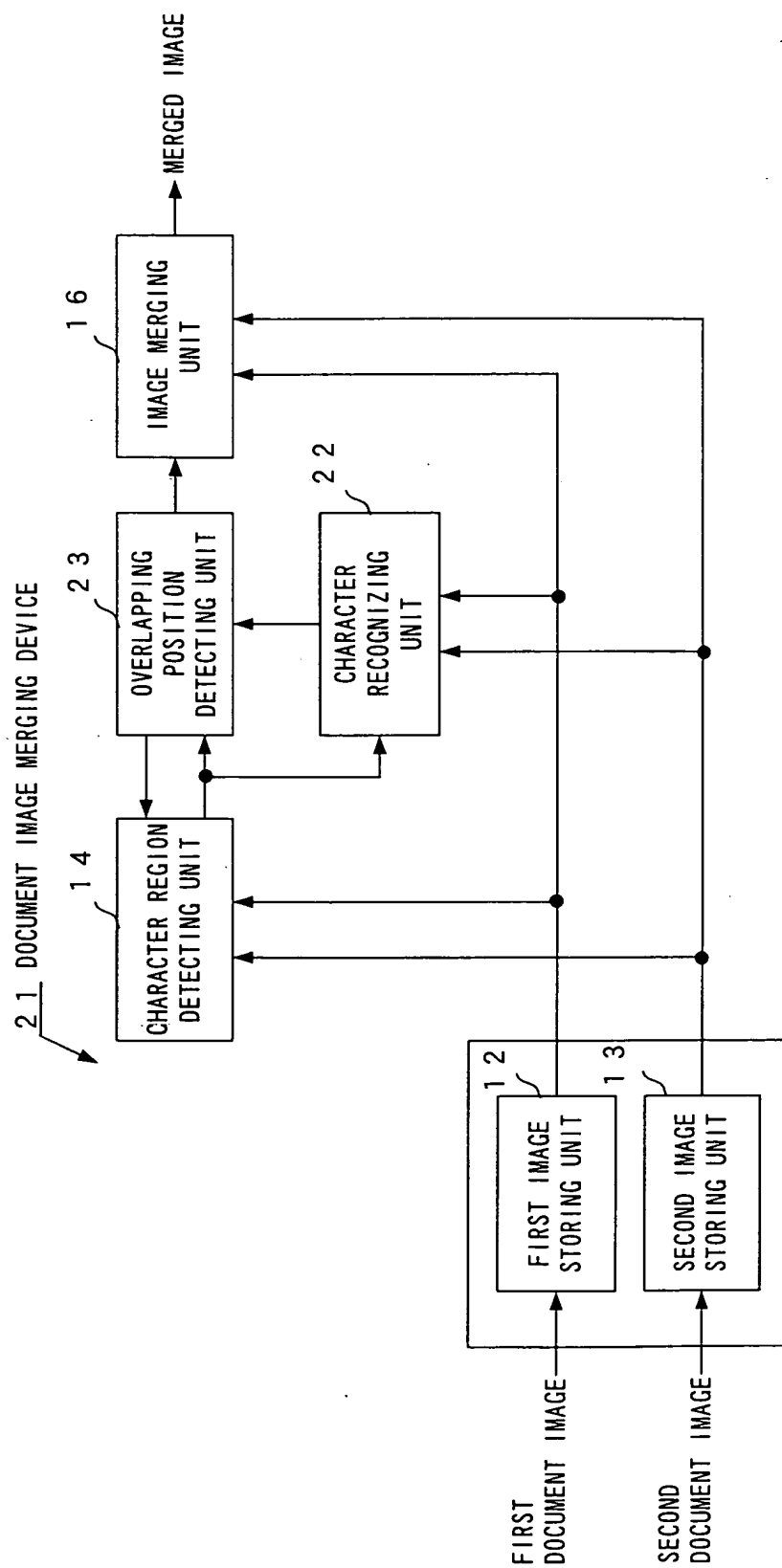


FIG. 2

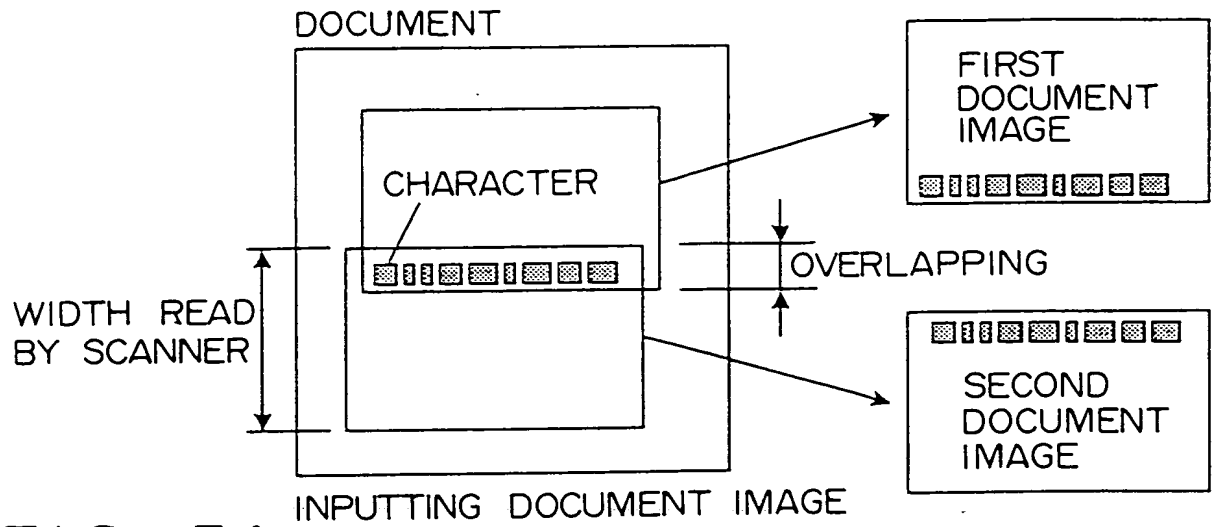


FIG. 3A

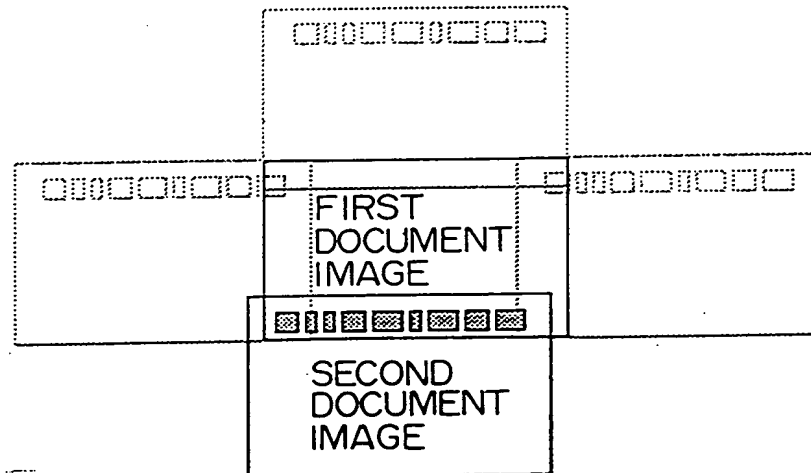


FIG. 3B

DETECTING OVERLAPPING POSITION

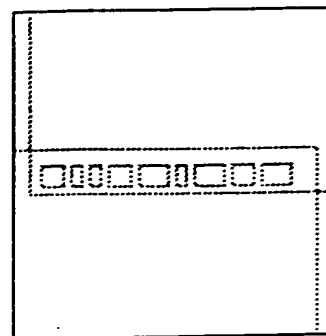


FIG. 3C

MERGING IMAGE

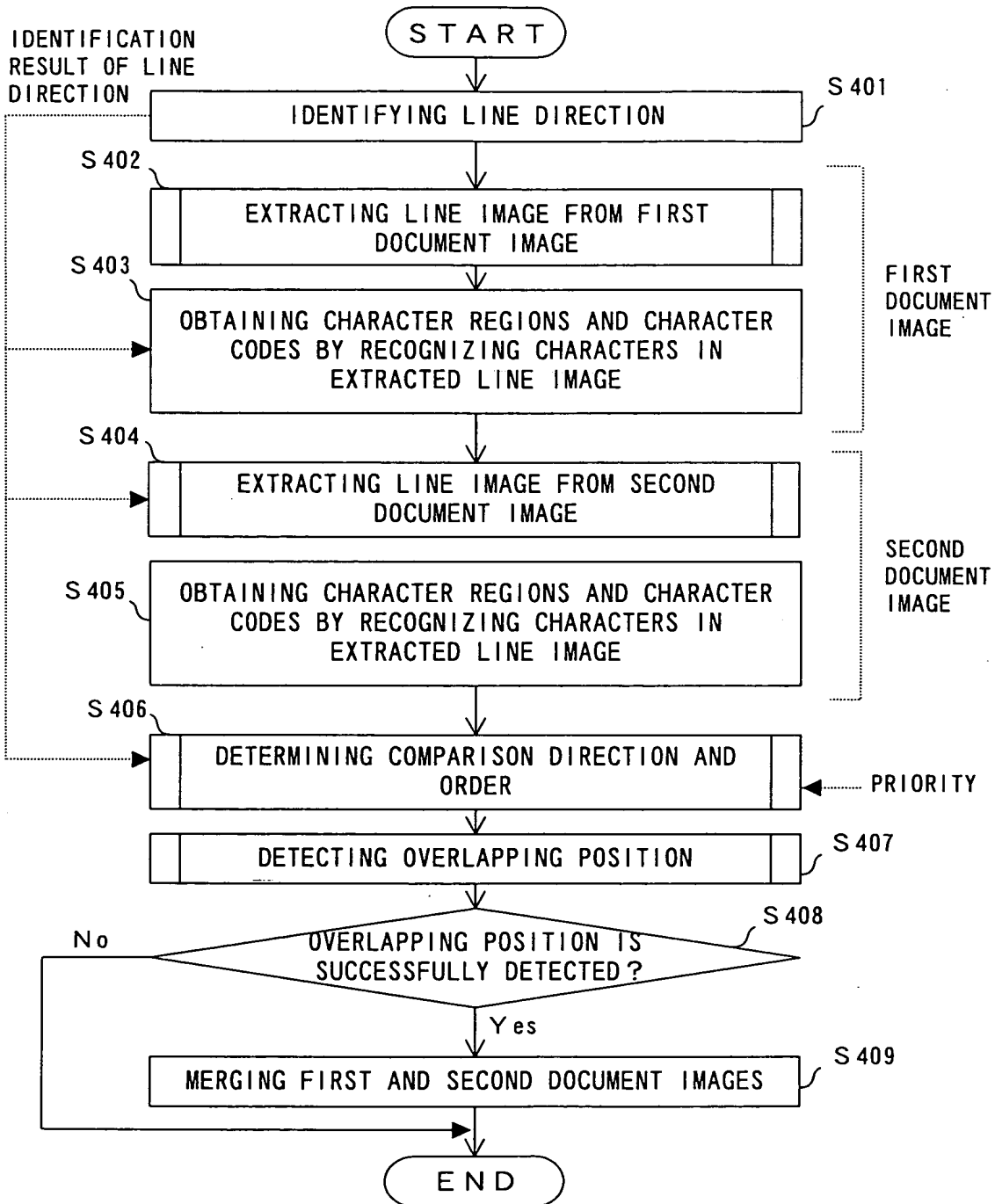


FIG. 4

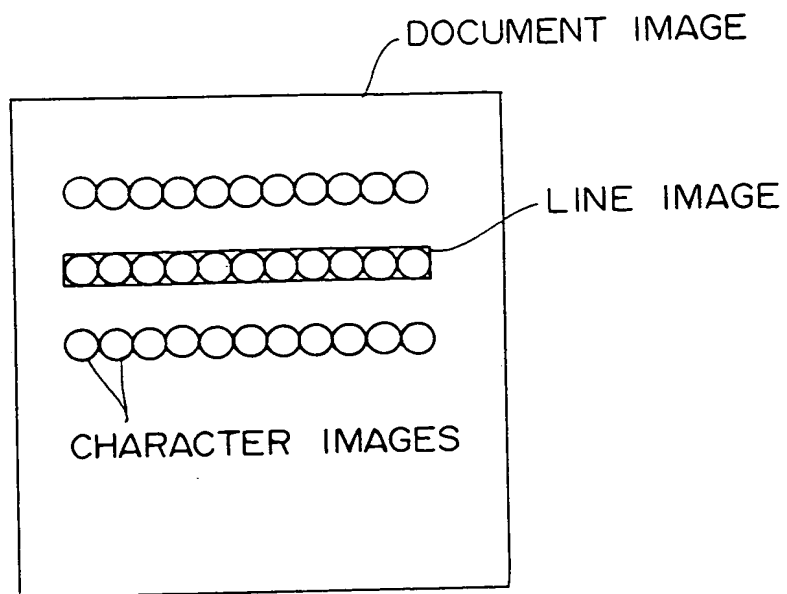


FIG. 5

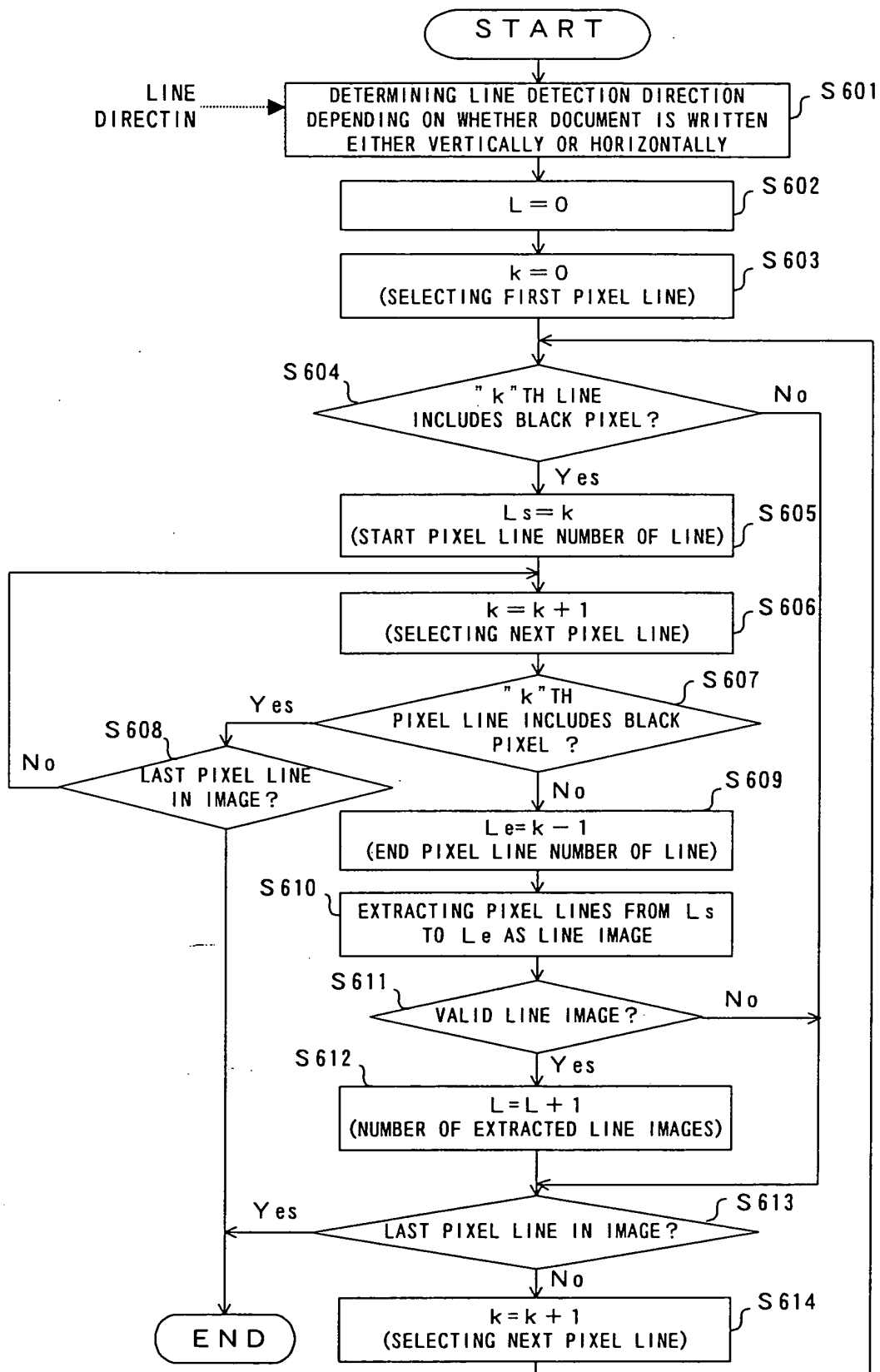


FIG. 6

DOCUMENT IMAGE

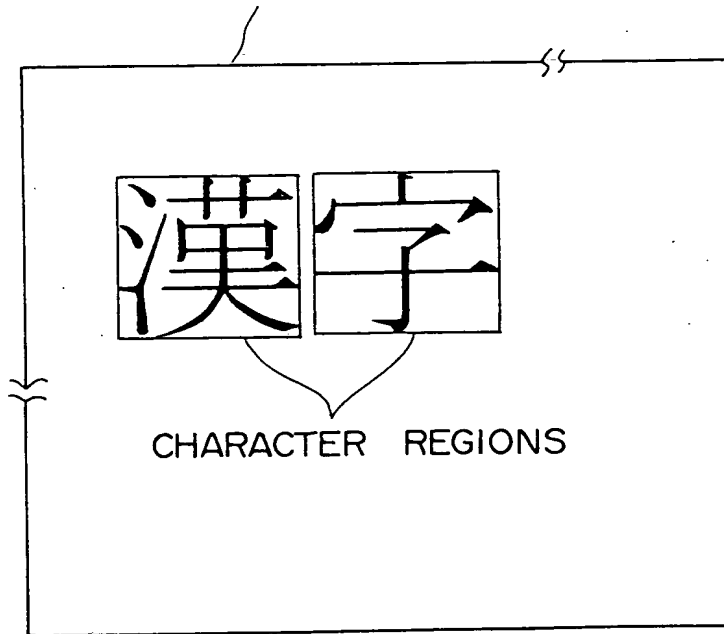
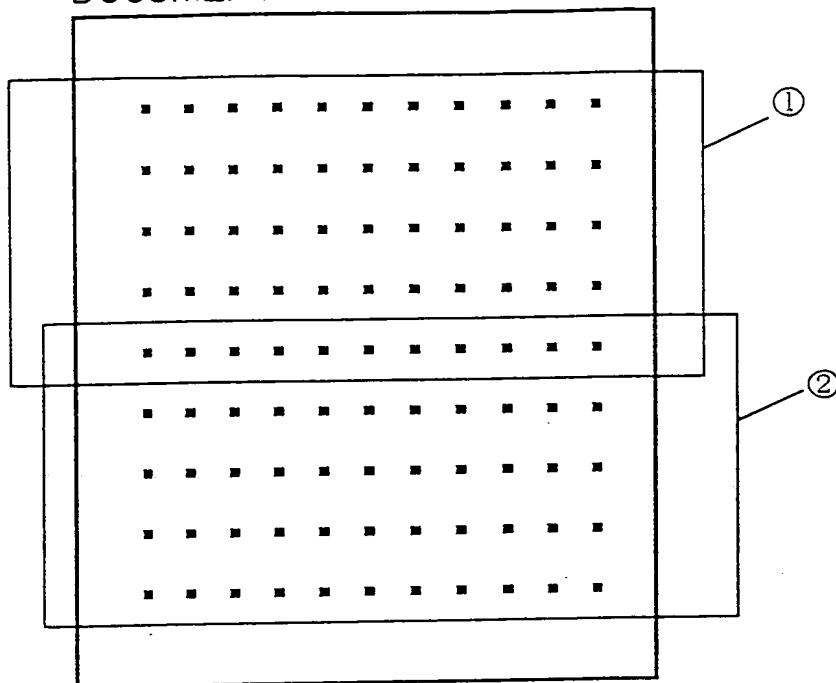


FIG. 7

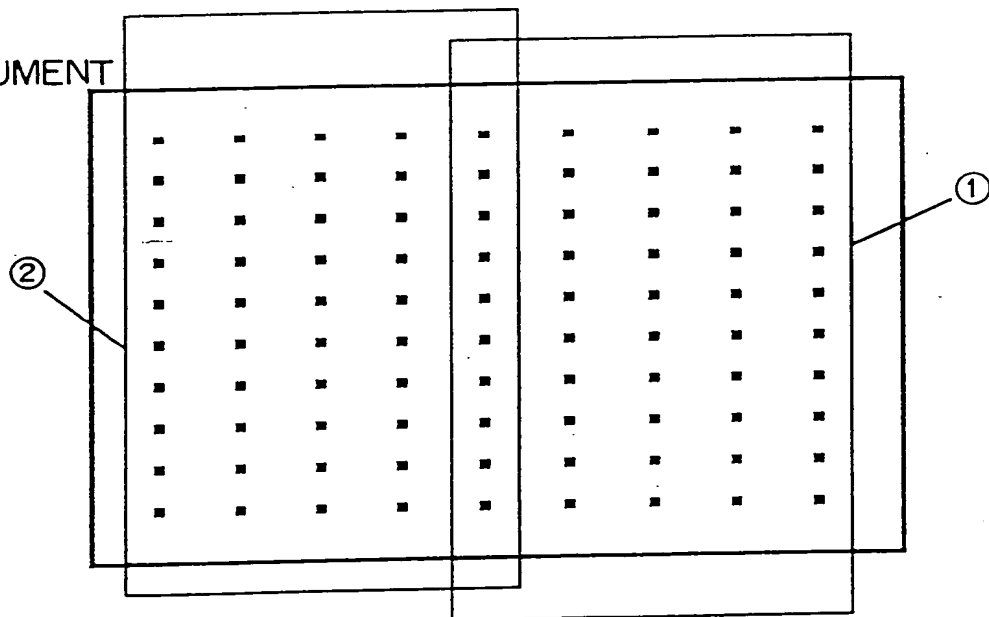
DOCUMENT



HORIZONTALLY WRITTEN DOCUMENT

FIG. 8A

DOCUMENT



VERTICALLY WRITTEN DOCUMENT

FIG. 8B

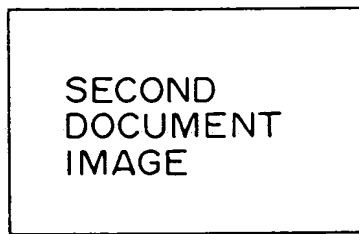
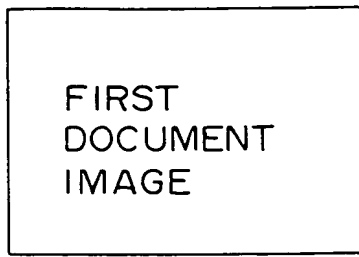


FIG. 9A

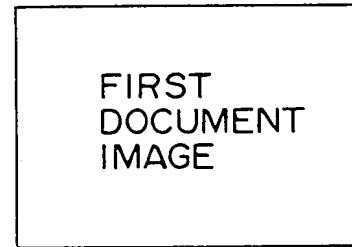
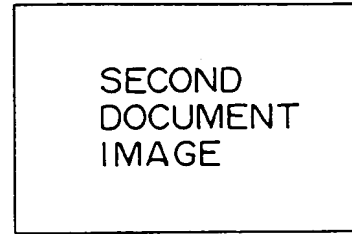


FIG. 9B

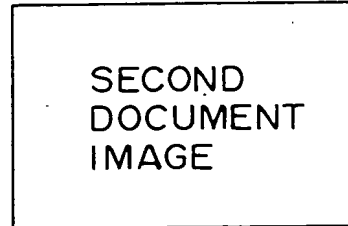
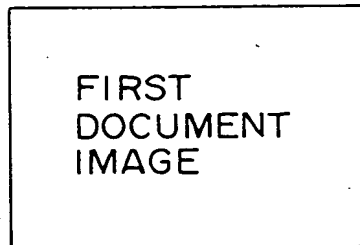


FIG. 9C

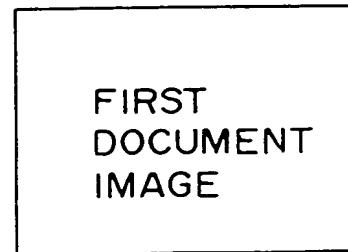
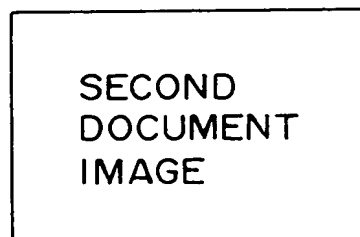
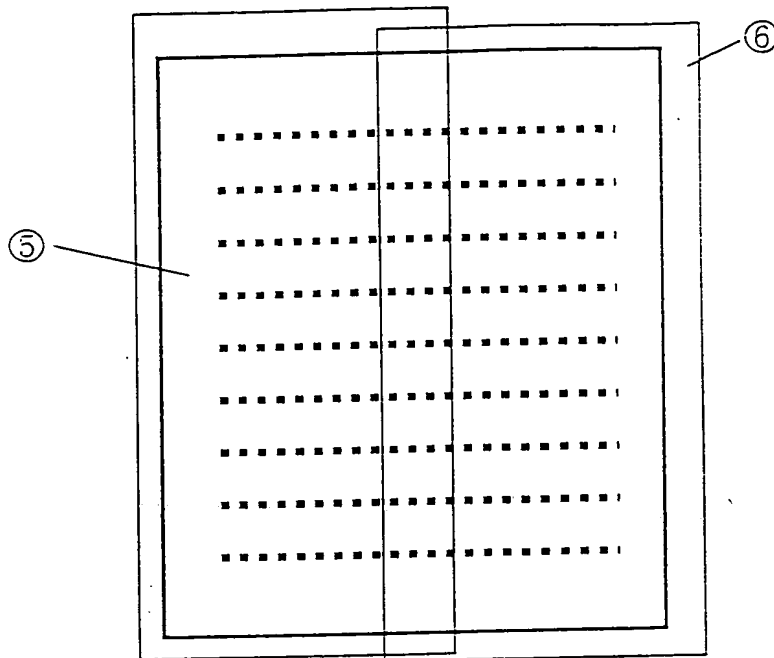


FIG. 9D

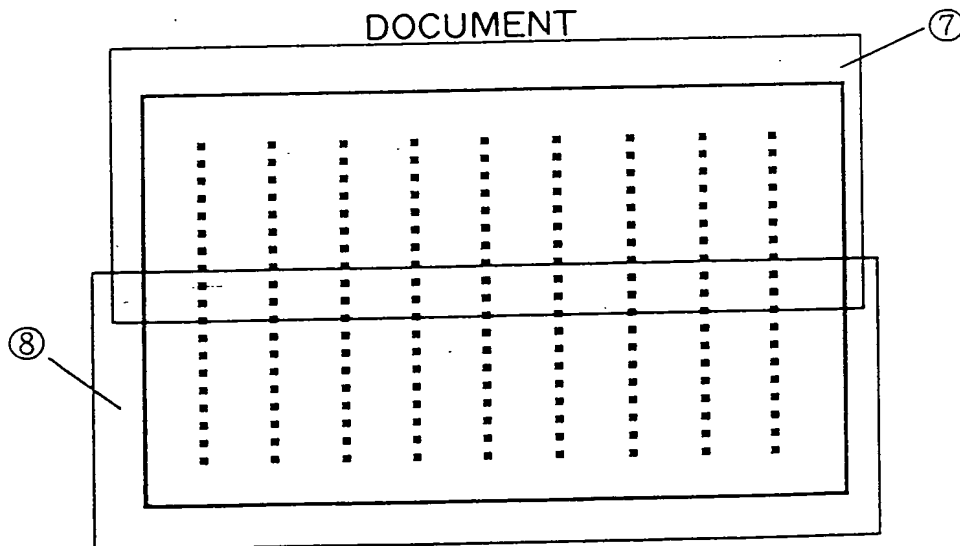
DOCUMENT



WHEN HORIZONTALLY WRITTEN DOCUMENT
IS SCANNED IN VERTICAL DIRECTION

FIG. 10A

DOCUMENT



WHEN VERTICALLY WRITTEN DOCUMENT
IS SCANNED IN HORIZONTAL DIRECTION

FIG. 10B

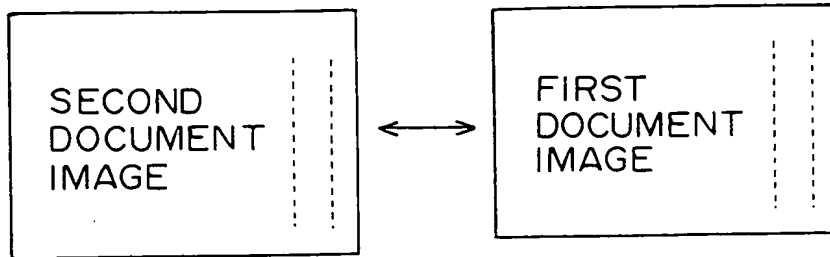


FIG. 11A

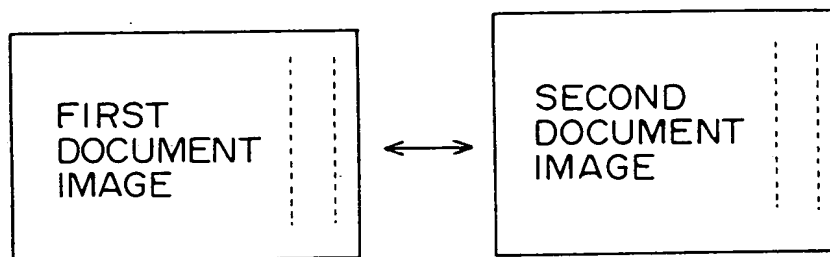


FIG. 11B

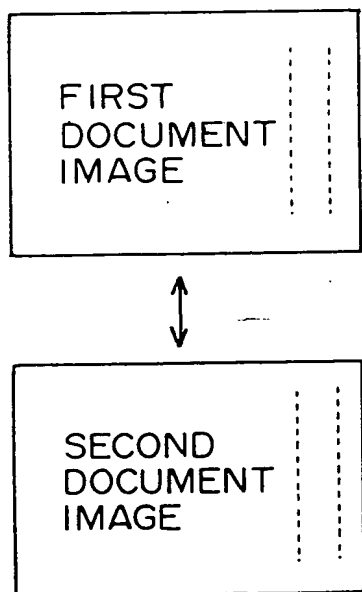


FIG. 11C

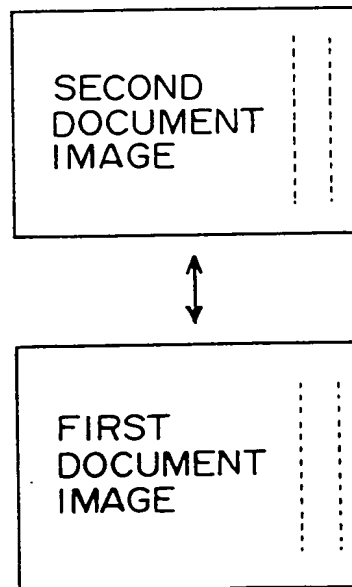


FIG. 11D

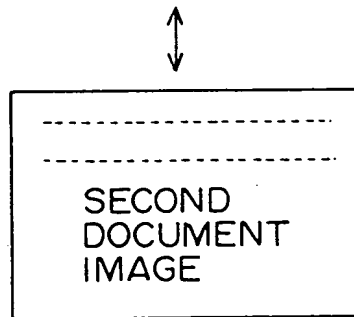
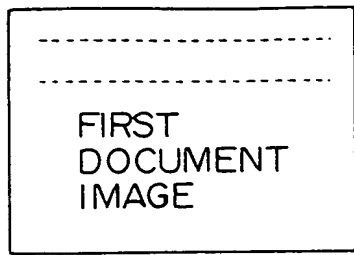


FIG. 12A

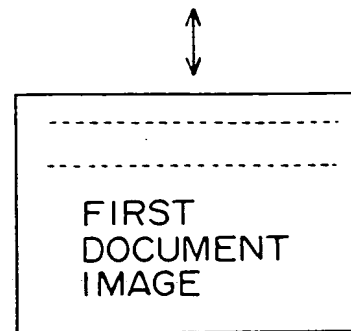
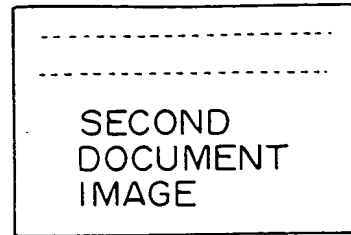


FIG. 12B

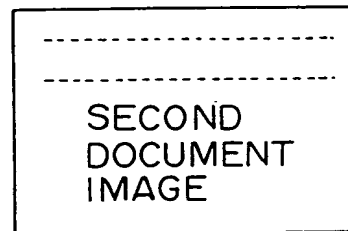
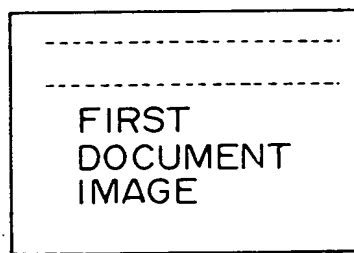


FIG. 12C

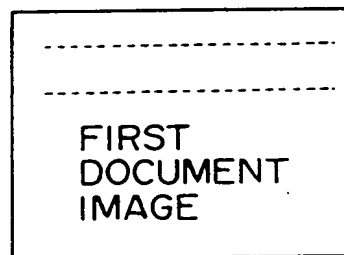
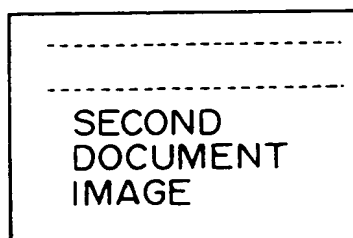


FIG. 12D

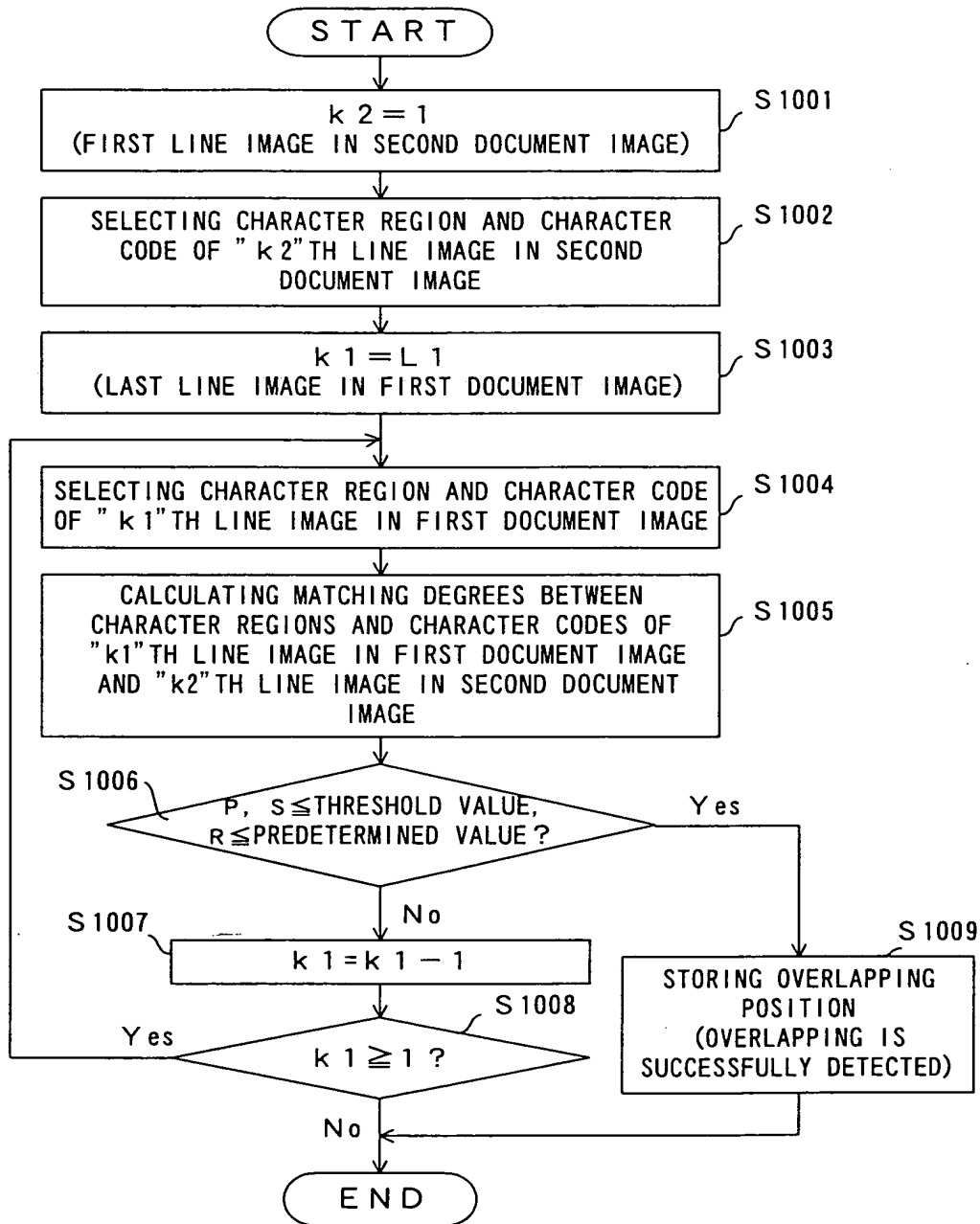


FIG. 13

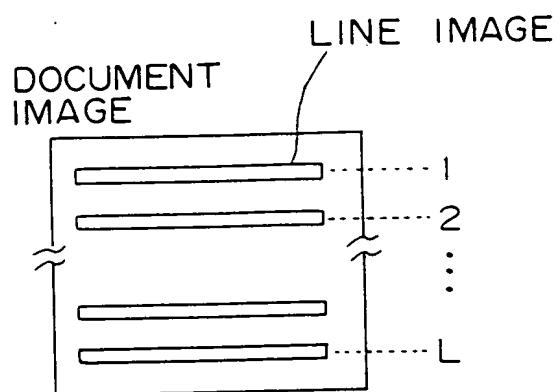


FIG. 14A

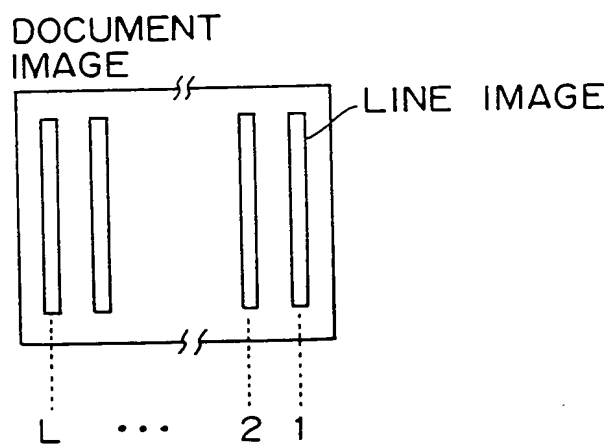


FIG. 14B

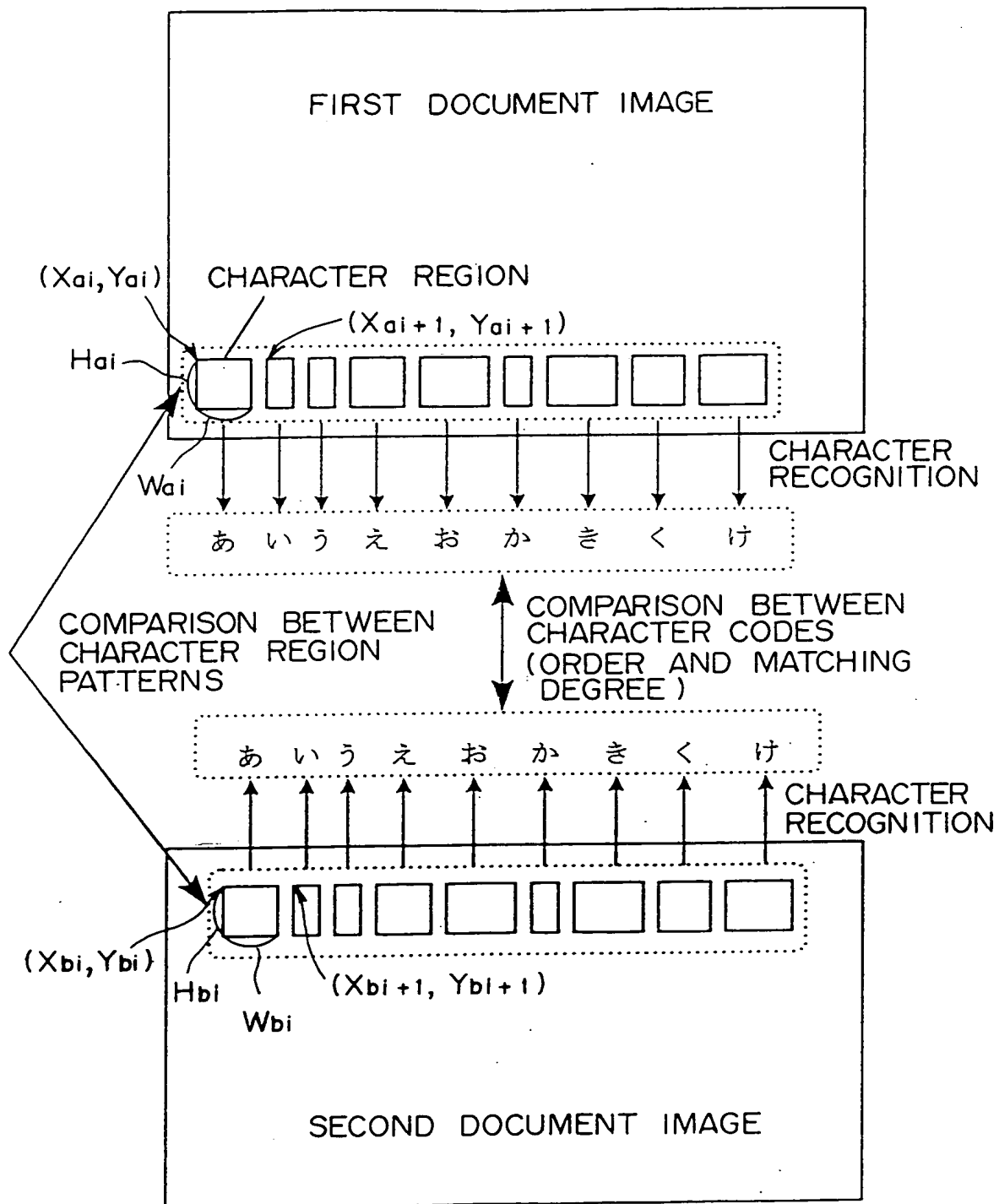


FIG. 15

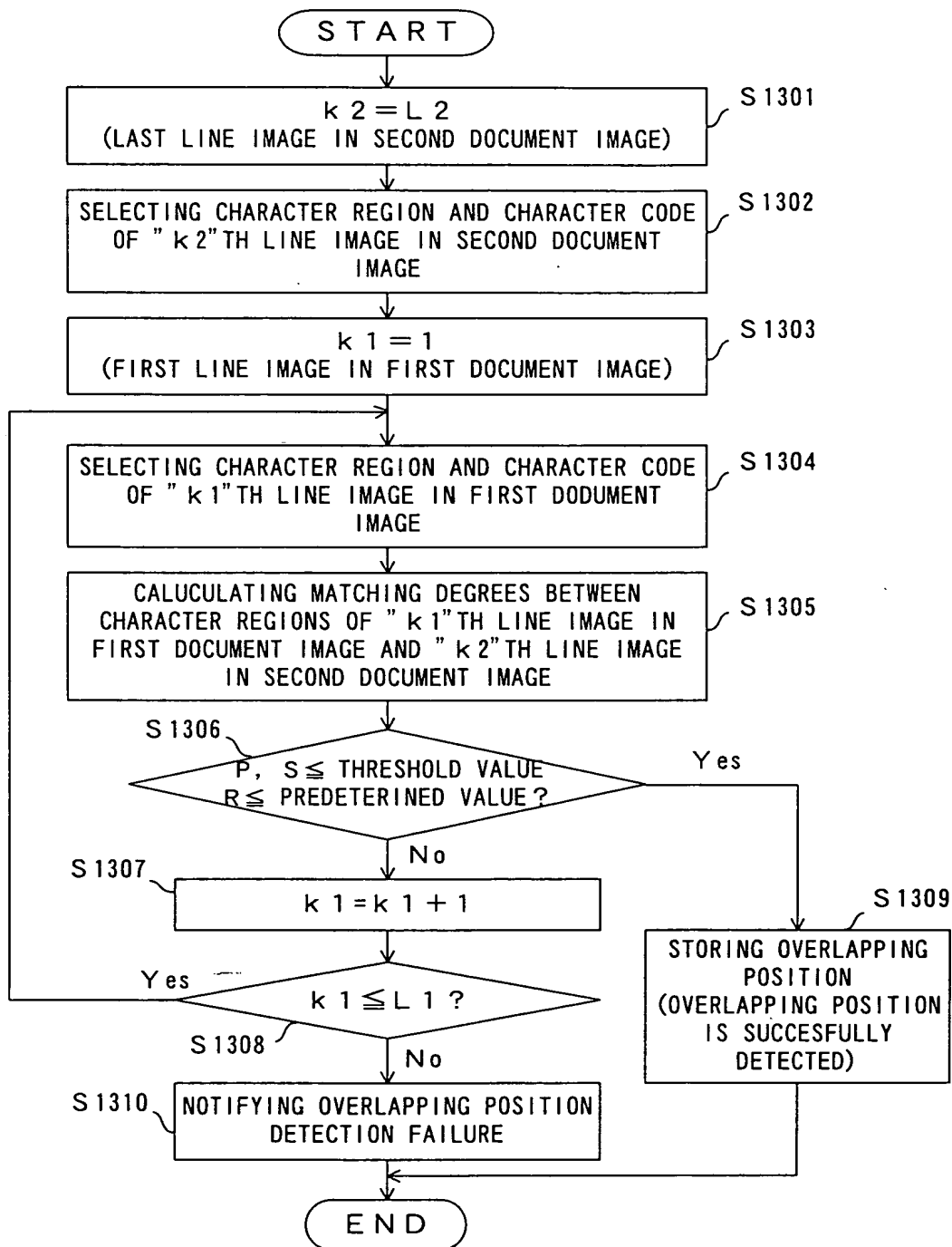


FIG. 16

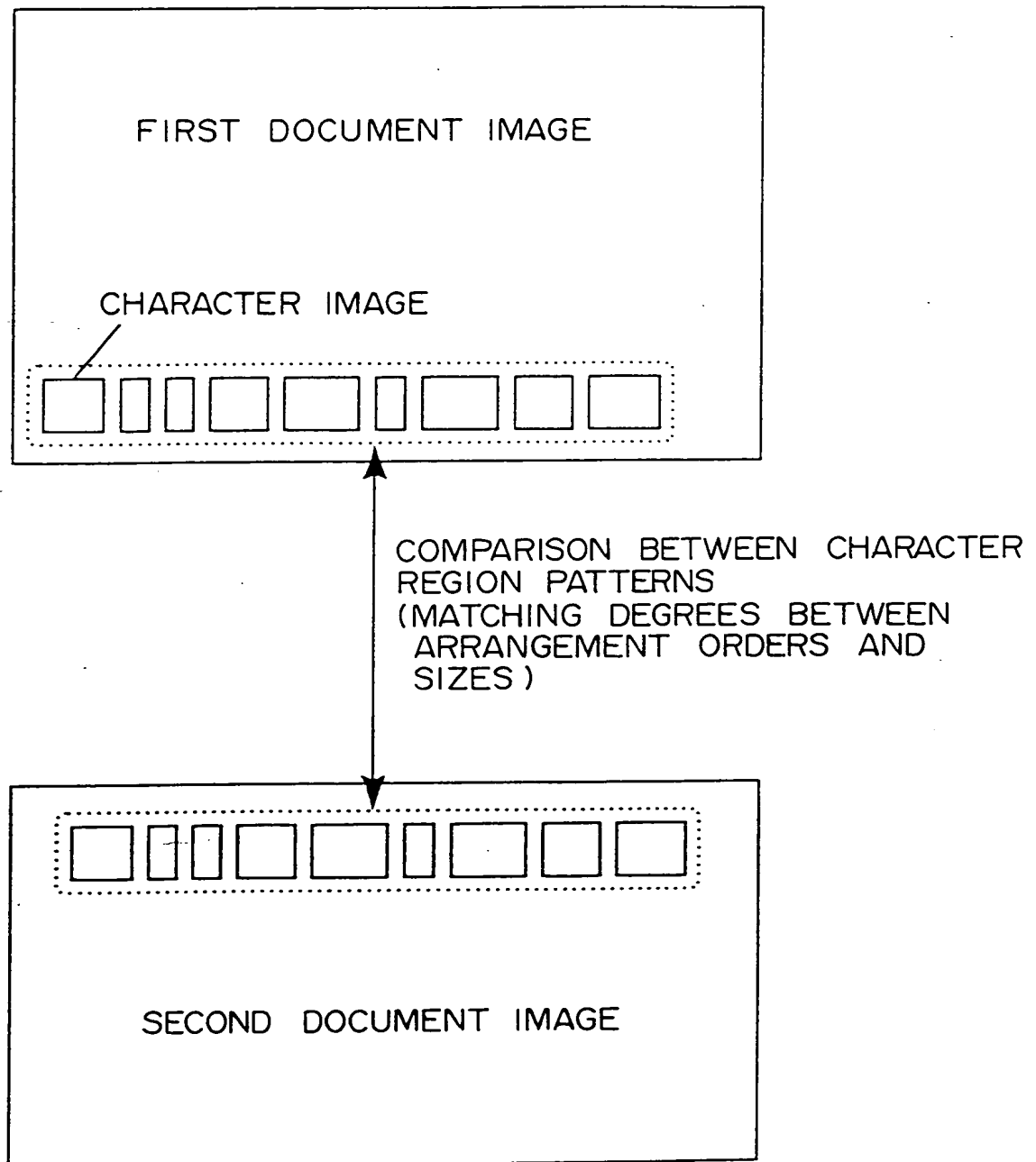


FIG. 17

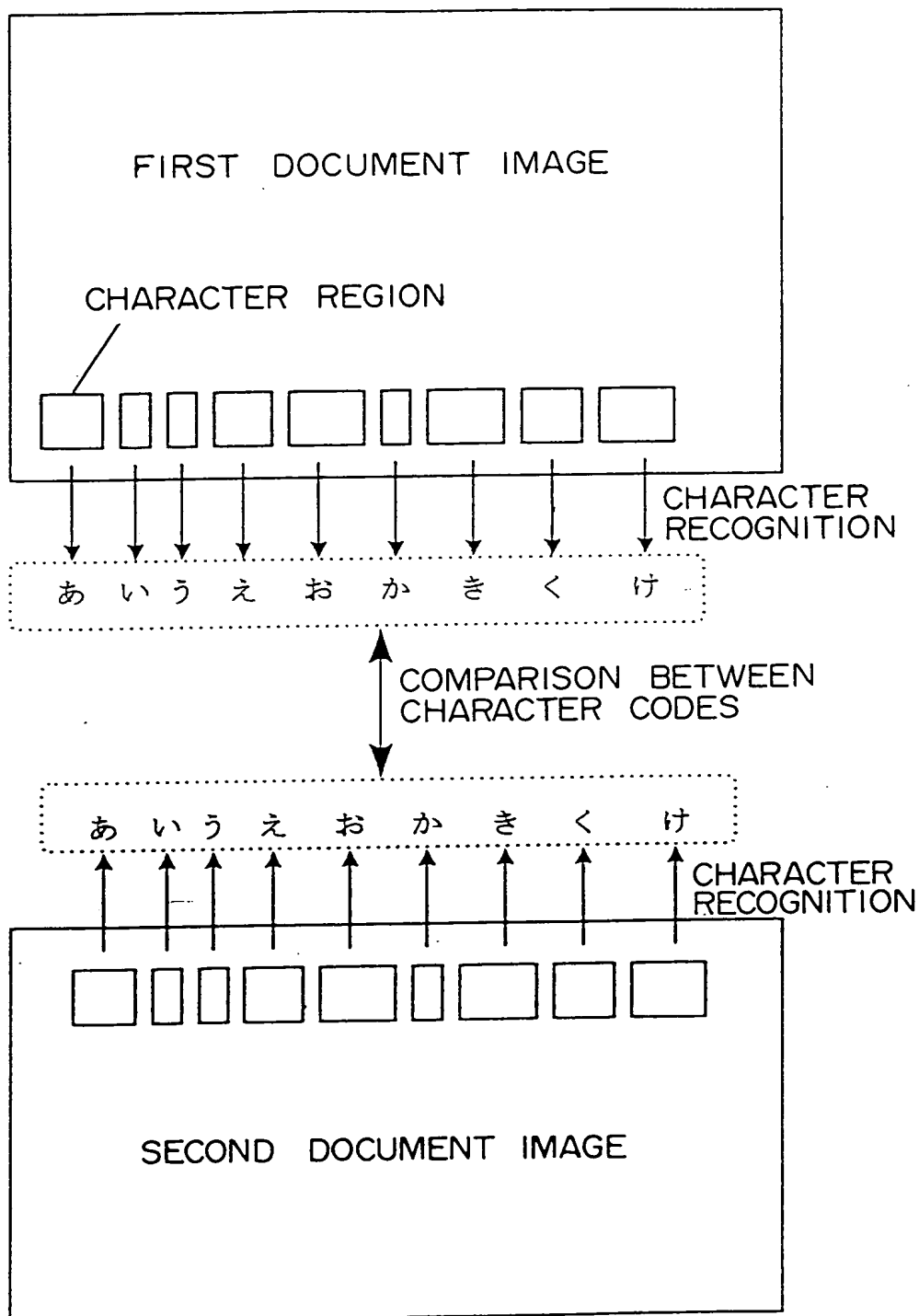


FIG. 18

66067-70000000

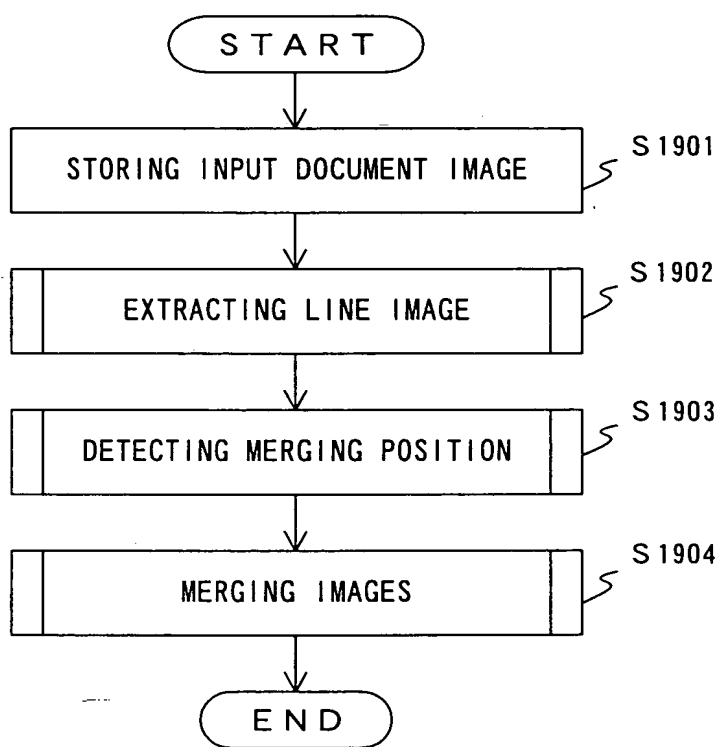


FIG. 19

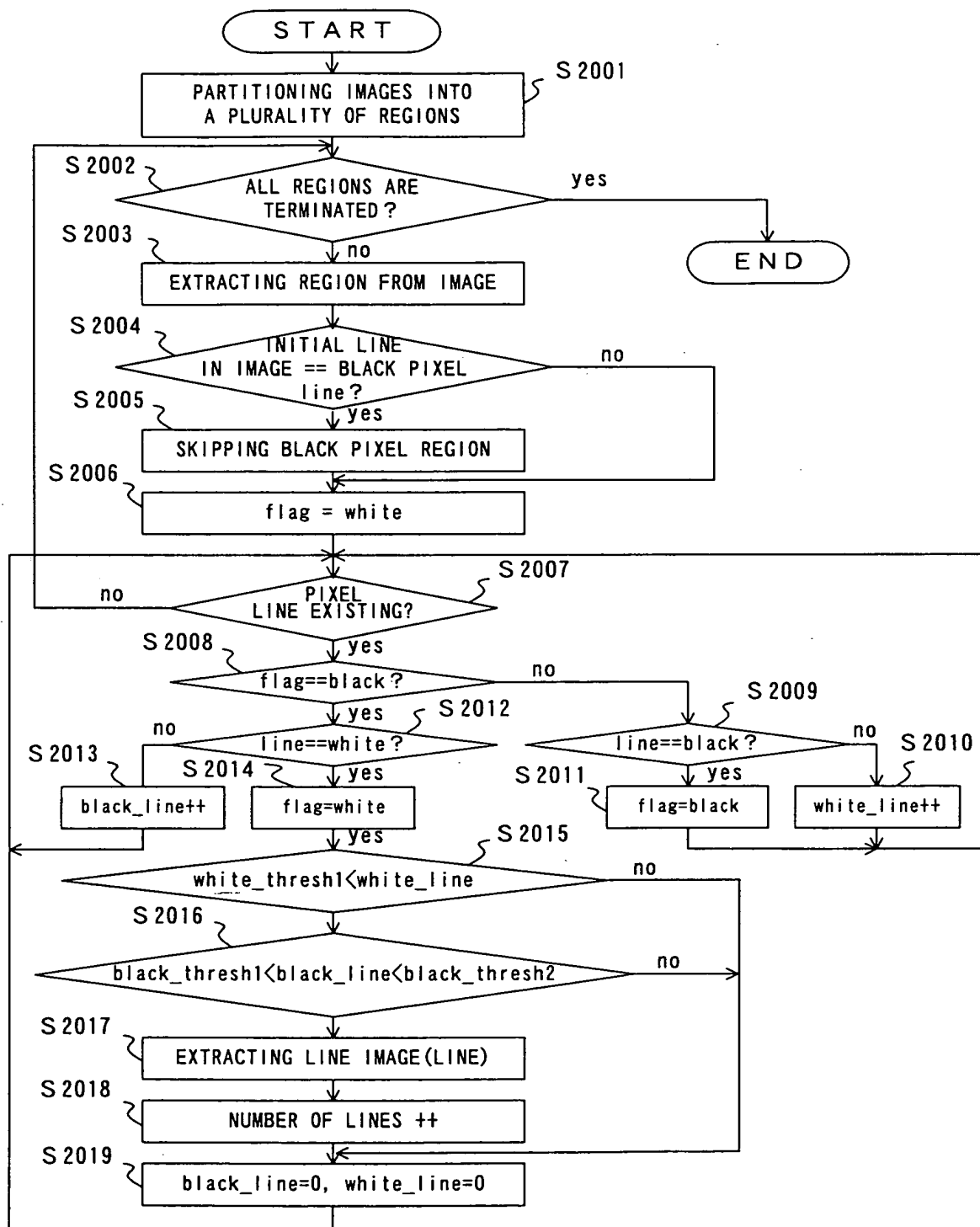
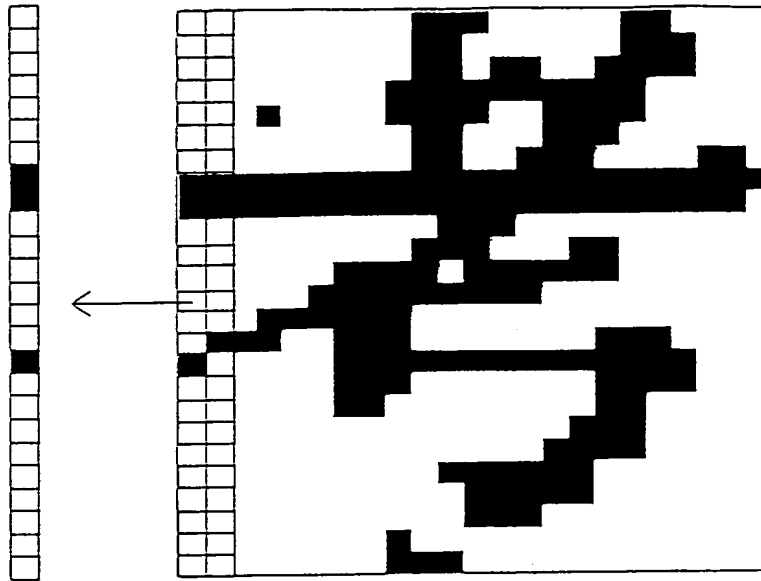


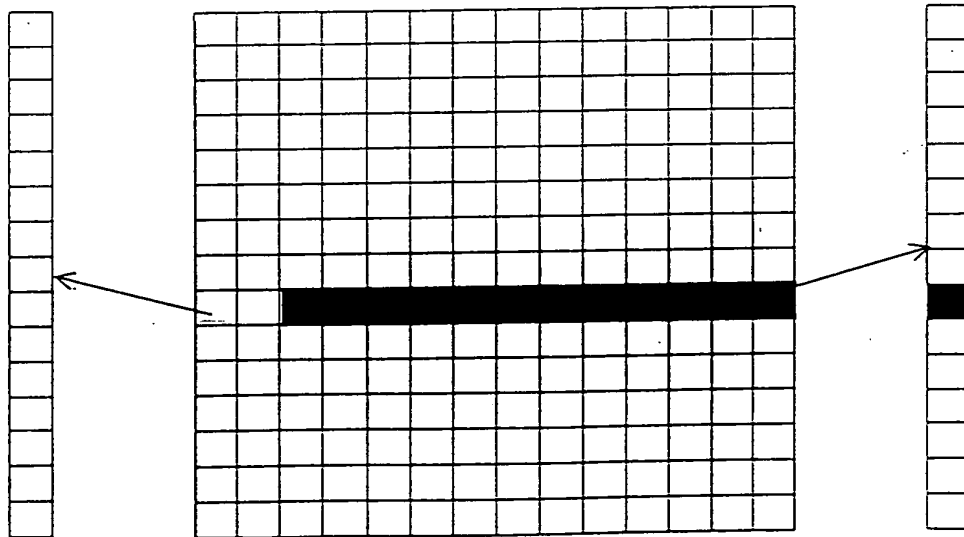
FIG. 20



EXTRACTING BLACK PIXEL LINES

FIG. 21A

DETERMINED ACCORDING TO RATIO
OF BLACK PIXELS TO WHITE PIXELS

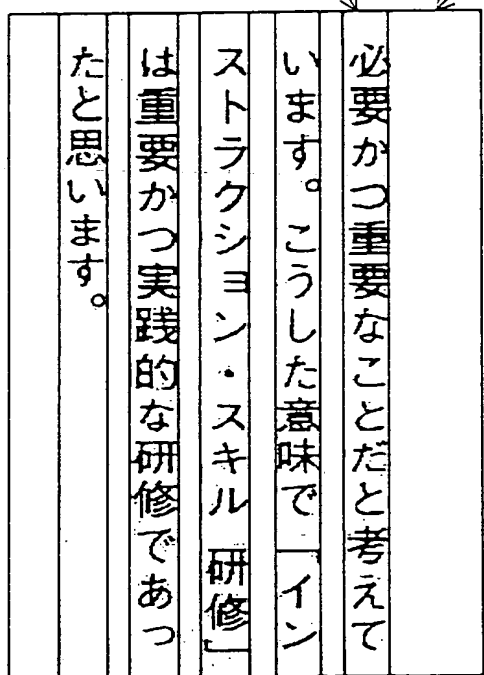


EXTRACTING WHITE PIXEL LINES

FIG. 21B

BLACK PIXEL REGION

WHITE PIXEL REGION



必要かつ重要なことだと考えて
います。こうした意味で「イン
ストラクション・スキル研修」
は重要かつ実践的な研修であっ
たと思っています。

BLACK AND WHITE PIXEL
REGIONS ARE ALTERNATELY
ARRANGED

FIG. 22

LINES CAN BE EXTRACTED
BY PARTITIONING DOCUMENT
IMAGE INTO A PLURALITY
OF REGIONS

年単学級だったんです。クラブ活
動も四年生以上は百人ぐらいしか
いないから、サッカーやソフトボ
ールなんて人数がそろわない」
運動会も、広い校庭で一学年約
三十人のダンスではいかにも寂し
い。そこで、最低一学年で一つの
演技をするのだが、そうすると昼
にはすべてのプログラムが終わっ

REGION 1

年単学級だったんです。クラブ活
動も四年生以上は百人ぐらいしか
いないから、サッカーやソフトボ
ールなんて人数がそろわない」
運動会も、広い校庭で一学年約
三十人のダンスではいかにも寂し
い。そこで、最低一学年で一つの
演技をするのだが、そうすると昼
にはすべてのプログラムが終わっ

PARTITIONING

余地もなくなってしまう」
日本全体が少子化時代に突き進
むなか、北島さんたちの悩みは、
程度や時期の差こそあれ、教育現
状の推移
子ども数の推移
5 60 65 70 75
これによる合計は出生率

REGION 2

余地もなくなってしまう」
日本全体が少子化時代に突き進
むなか、北島さんたちの悩みは、
程度や時期の差こそあれ、教育現
状の推移
子ども数の推移
5 60 65 70 75
これによる合計は出生率

FIG. 23

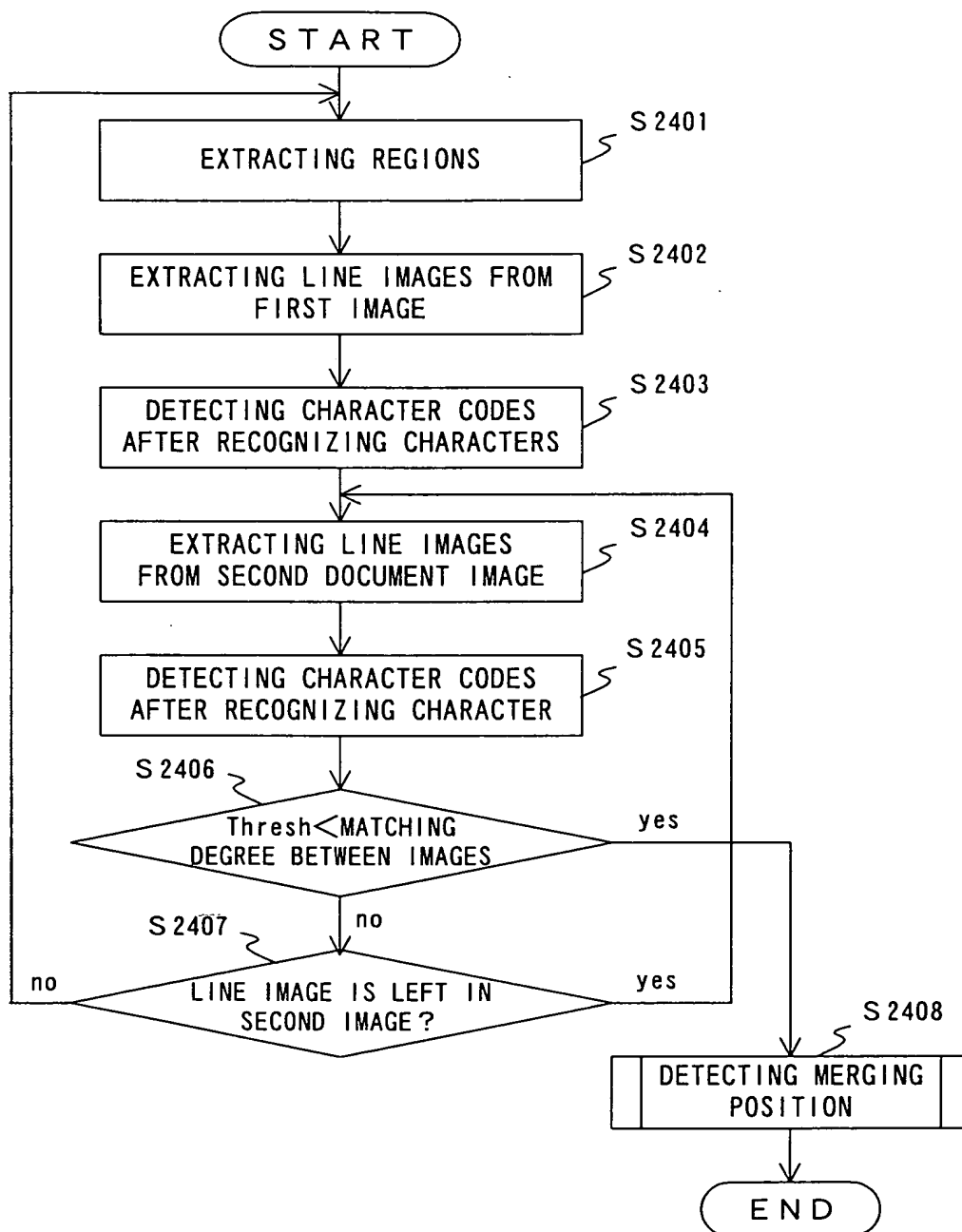


FIG. 24

COMPARISON BETWEEN CODE NUMBERS AND ORDERS OF CHARACTER CODES

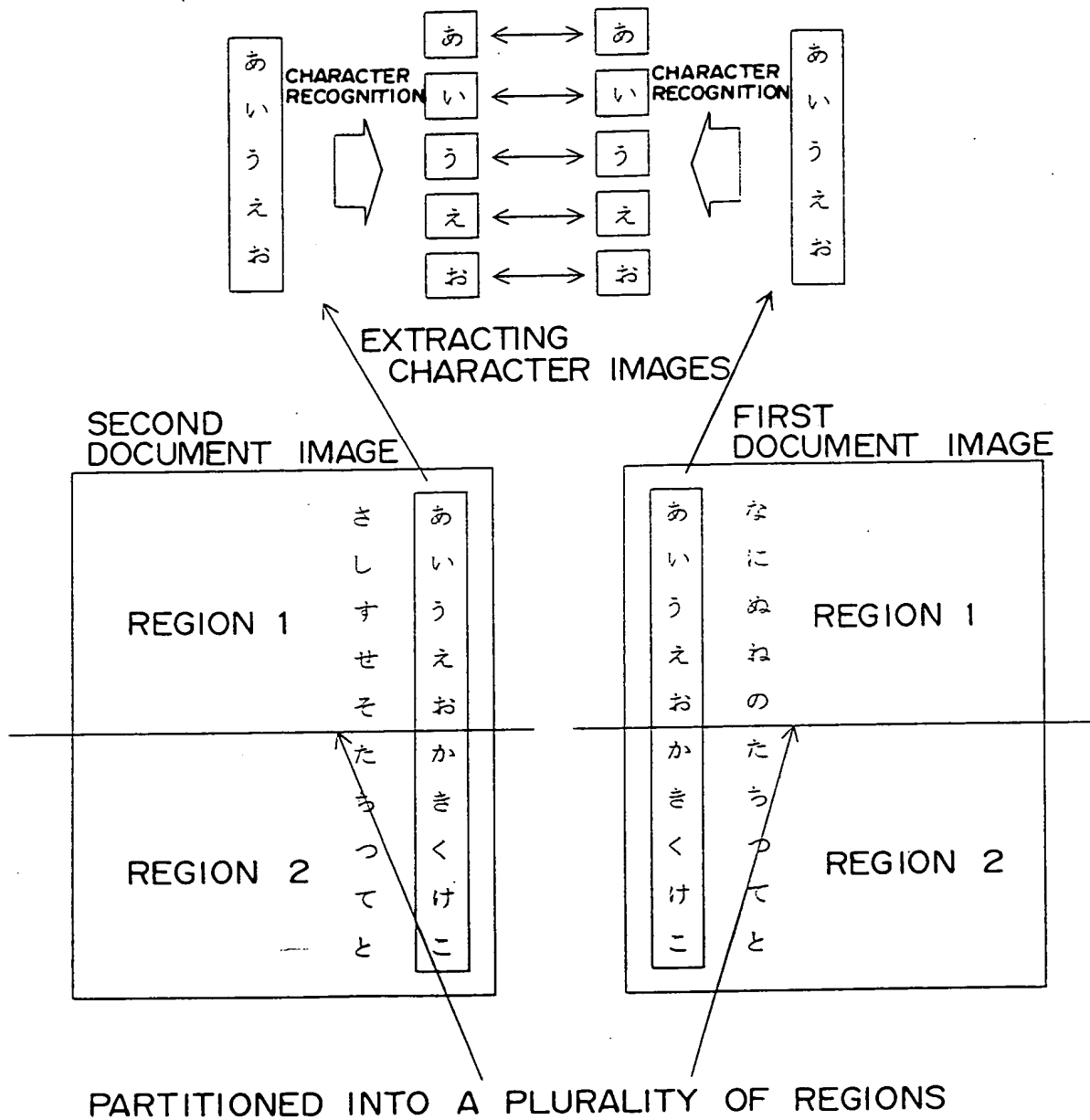


FIG. 25

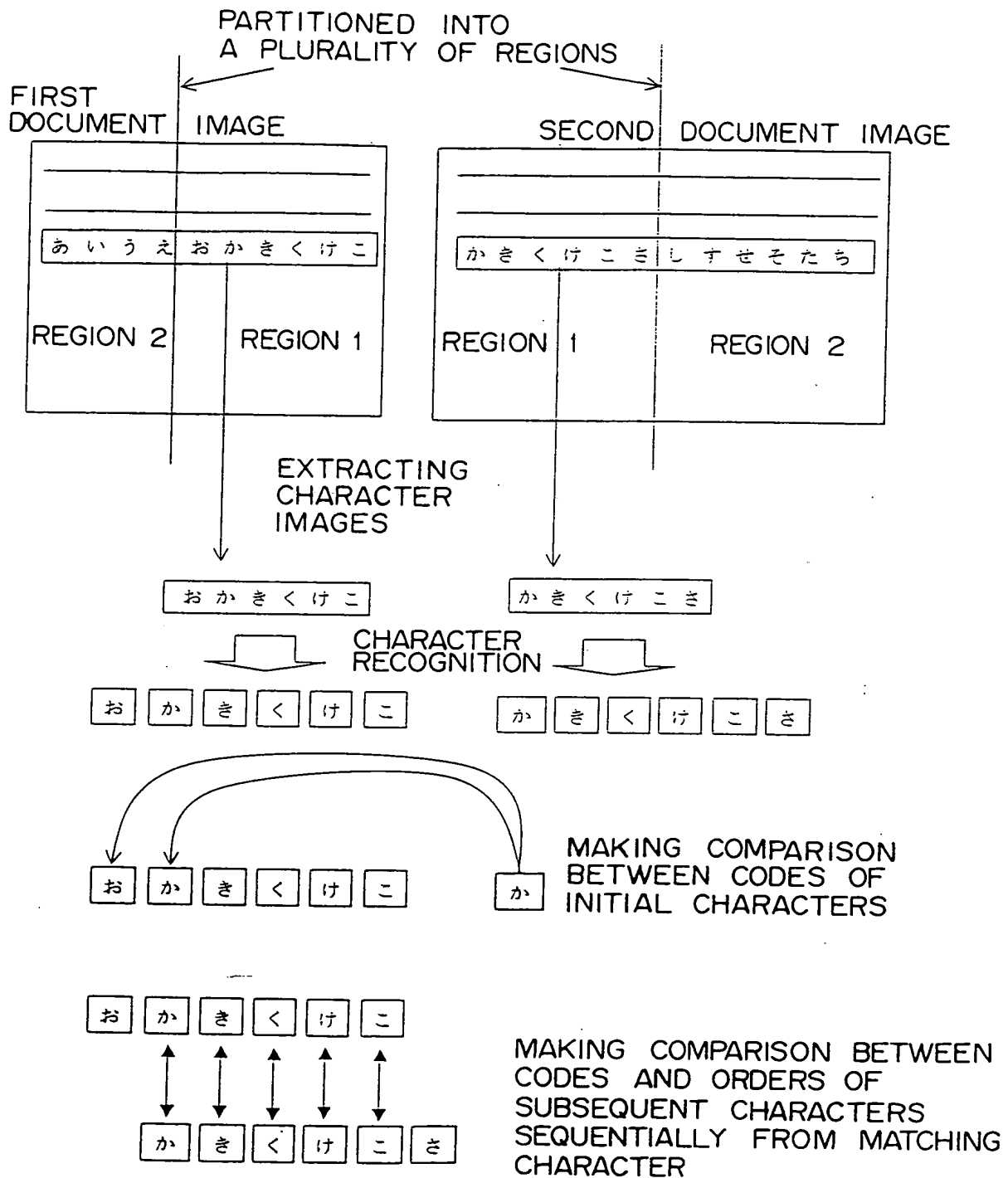


FIG. 26

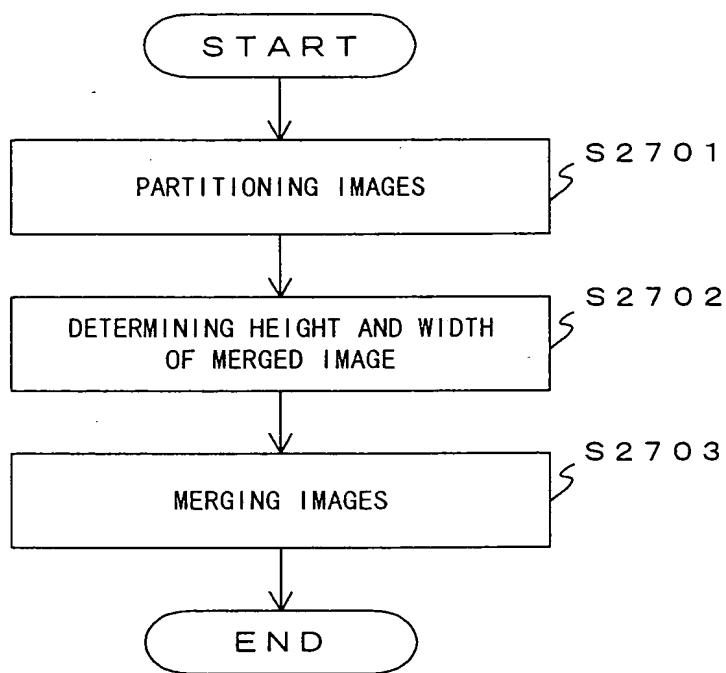


FIG. 27

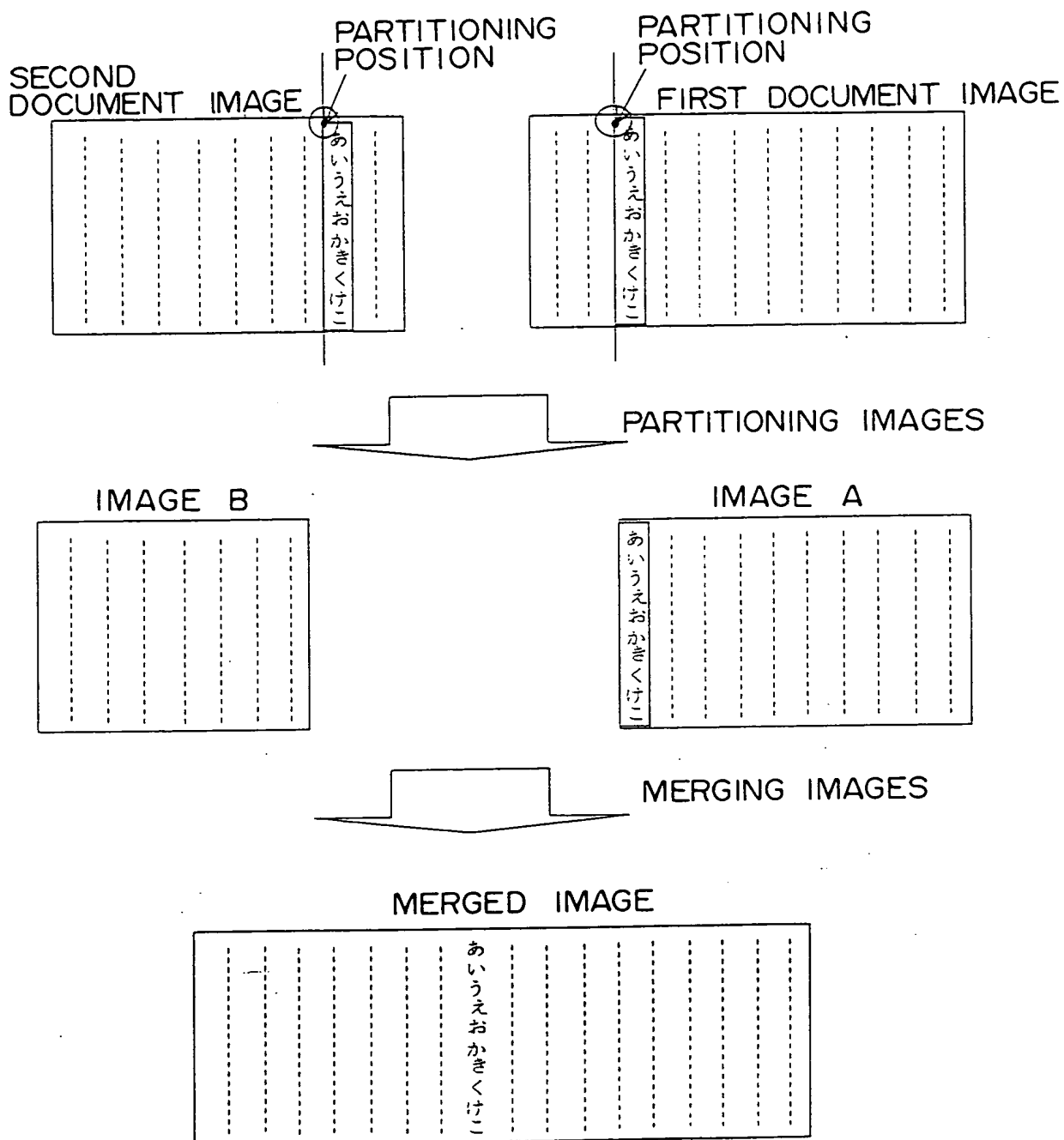


FIG. 28

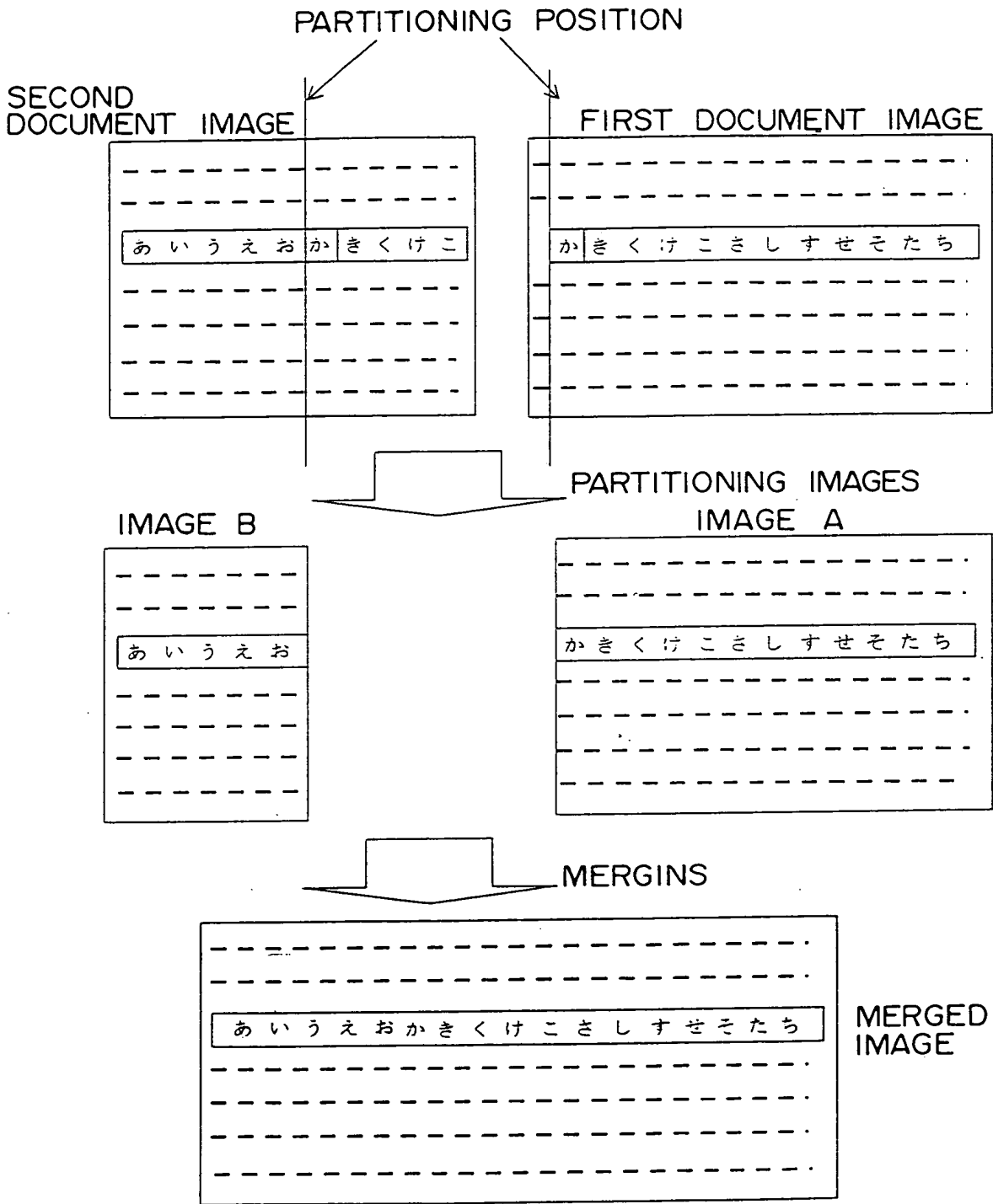


FIG. 29

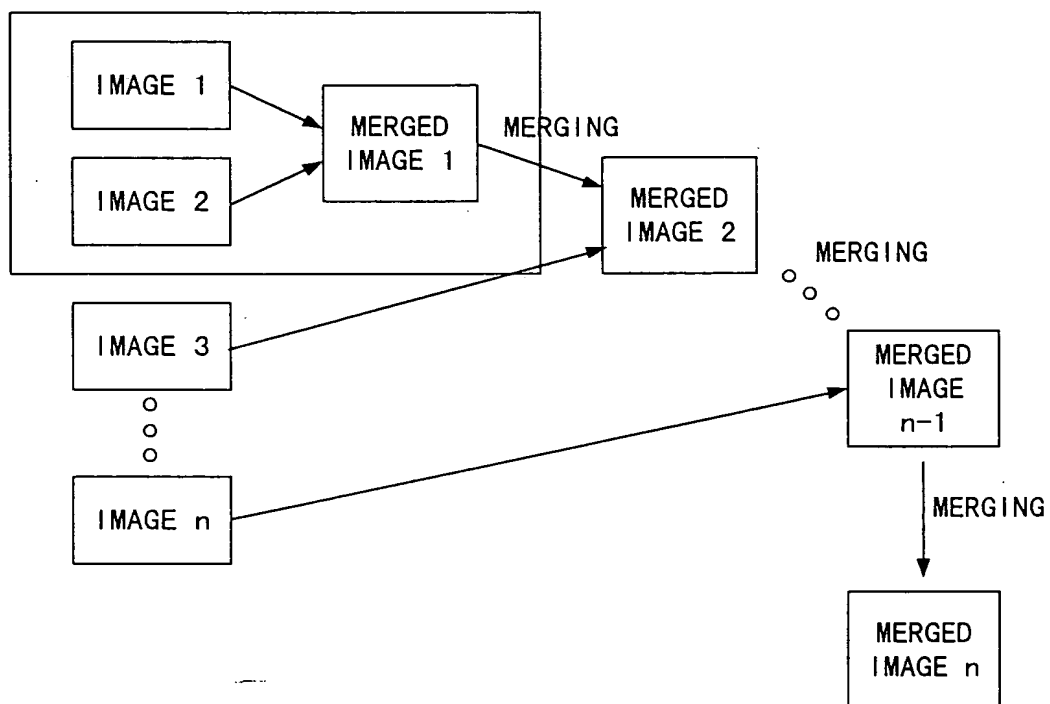


FIG. 30

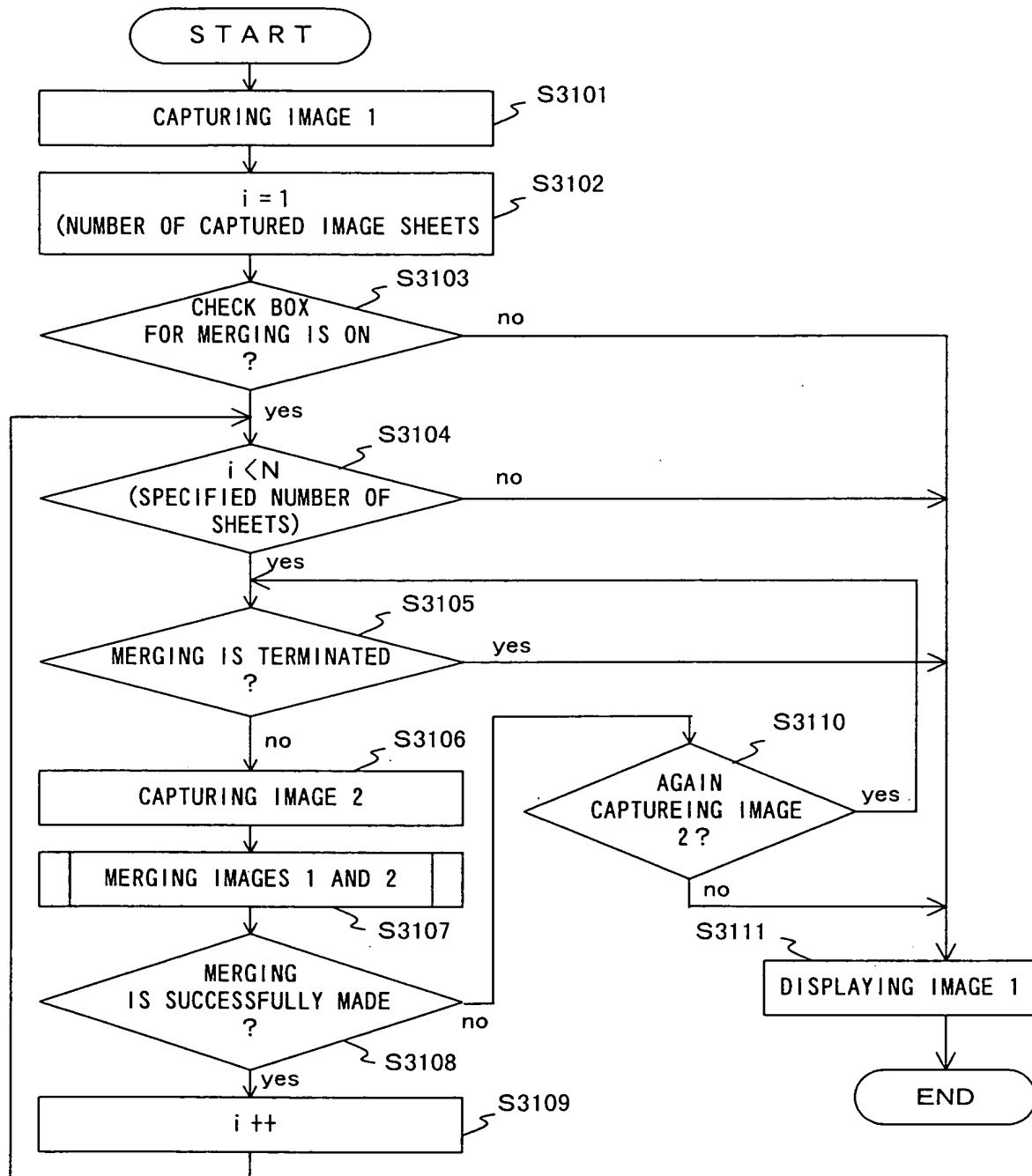


FIG. 31

IMAGE SCANNER

RESOLUTION (R):

200 x 200

SETTING UNIT (U):

MILLIMETER (mm)

PAPER SIZE (Z):

A6 PORTRAIT x 2

IMAGE TYPE (I):

BINARY WHITE AND BLACK

HALFTONE (E):

READ PARAMETERS

REGION TO BE READ

WIDTH x LENGTH

105 x 297 mm

BRIGHTNESS (B):

4

THRESHOLD (D):

121

THRESHOLD AUTOMATIC

☒ AUTOMATIC MERGING

☐ MERGING TERMINATION

NUMBER OF MERGING SHEETS (YET TO BE SCANNED): 4

READ

READ DIRECTION

☒ AUTOMATIC (C)

☐ INVERT BLACK AND WHITE (V)

☐ HIGHLIGHT OUTLINE (K)

RIGHT-LEFT/TOP-BOTTOM/M

CLOSE

CORRECT (Q)

HELP (H)

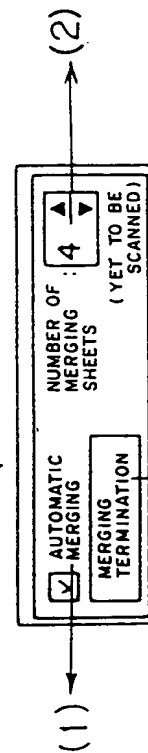


FIG. 32

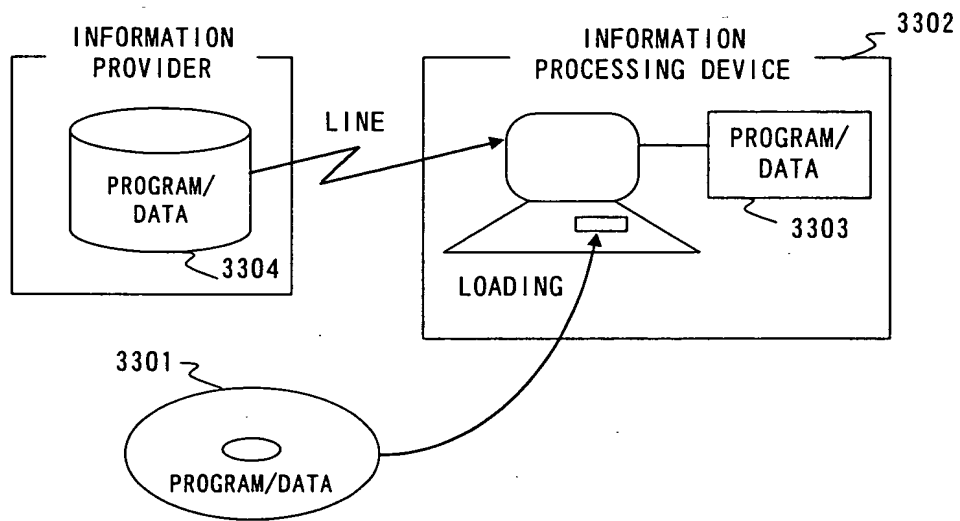


FIG. 33

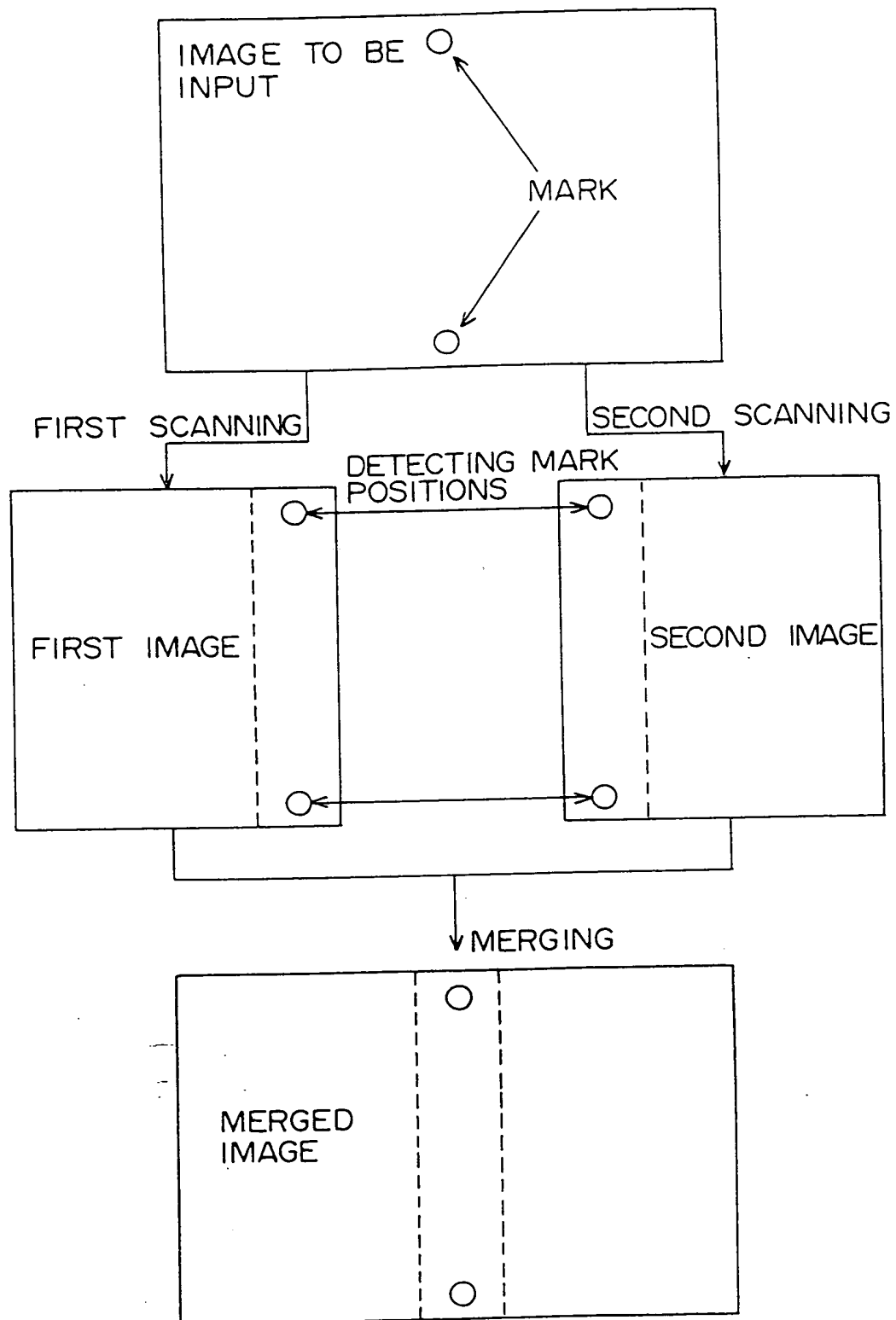


FIG. 34